








Exhibit 2

US8677116B1	Cavender's website "cavenders.com" ("The accused instrumentality")
<p>1. A method of using a computer system to authenticate a user seeking to conduct at least one interaction with a secured capability provided by a computer, the method comprising:</p>	<p>The accused instrumentality practices a method of using a computer system (e.g., authentication server of the accused instrumentality, etc.) to authenticate a user seeking to conduct at least one interaction (e.g., account login, accessory searches, etc.) with a secured capability provided by a computer (e.g., server of the accused instrumentality).</p> <p>As shown, the website of the accused instrumentality practices providing secure connection with a user's device (electronic device of the user) through HTTPS connections. This is achieved by an authentication server (a computer system) authenticating users seeking to perform actions such as account login, accessory searches, etc., (interactions) ensuring that interactions with secured features are protected from unauthorized access.</p>  <p>https://www.cavenders.com/</p>

	<div><div>CUSTOMER SERVICE Track My Order MY ACCOUNT ▾</div><div>YOUR ORDERS SHIP FREE! <small>FREE!</small></div></div> <div><div></div><div>Search... </div><div></div><div>MEN WOMEN KIDS BOOTS HATS WORK ACCESSORIES COLLECTIONS CLEARANCE BLOG</div></div> <div><p>HOME // ACCOUNT DASHBOARD</p></div> <div><h2>WELCOME, KEVIN!</h2></div> <div><p>MY ACCOUNT</p></div> <div><p>ACCOUNT SETTINGS</p></div> <div><p>ADDRESSES</p></div> <div><p>https://www.cavenders.com/account/</p></div> <div><div>For quick access, place your bookmarks here</div><div><div><div>Security cavenders.com</div><div><div>Connection is secure</div><div>Your information (for example, passwords or credit card numbers) is private when it is sent to this site. Learn more</div><div>Certificate is valid</div></div></div><div>ENJOY YOUR EXCLUSIVE PERKS!</div></div><div></div><div>Search... </div><div></div><div>MEN WOMEN KIDS BOOTS HATS WORK ACCESSORIES COLLECTIONS CLEARANCE BLOG</div></div> <div><p>HOME // ACCOUNT DASHBOARD</p></div> <div><h2>WELCOME, KEVIN!</h2></div> <div><p>MY ACCOUNT</p></div> <div><p>ACCOUNT SETTINGS</p></div> <div><p>ADDRESSES</p></div> <div><p>https://www.cavenders.com/account/</p></div>
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Security overview



This page is secure (valid HTTPS).



Certificate - **valid and trusted**

The connection to this site is using a valid, trusted server certificate issued by DigiCert Global G2 TLS RSA SHA256 2020 CA1.

[View certificate](#)



Connection - **secure connection settings**

The connection to this site is encrypted and authenticated using TLS 1.3, X25519MLKEM768, and AES_128_GCM.



Resources - **all served securely**

All resources on this page are served securely.

<https://www.cavenders.com/account/>

Headers

TextView

SyntaxView

WebForms

HexView

Auth

Cookies

Raw

JSON

XML

Request Headers

[\[Raw \]](#) [\[Header Definitions \]](#)

POST /on/demandware.store/Sites-Cavenders-Site/default/Account-RegistrationForm?g-recaptcha-response=03AFcWeA6UusyixW23BpIGbwLUOZg_yje8XKc90h!qr3xYYVsOgg49NKdqQuMpsRIumVeoFbPL9t7qRv-a14P6UE3Hh_Jp9TL5NKsQLEHx6QOax2Gkt1IcEWjo3YGig==
sid=3J-oGT6yDQExlVlttOhcWbJq4x07HXnjZro

Entity

Content-Length: 1487
Content-Type: application/x-www-form-urlencoded

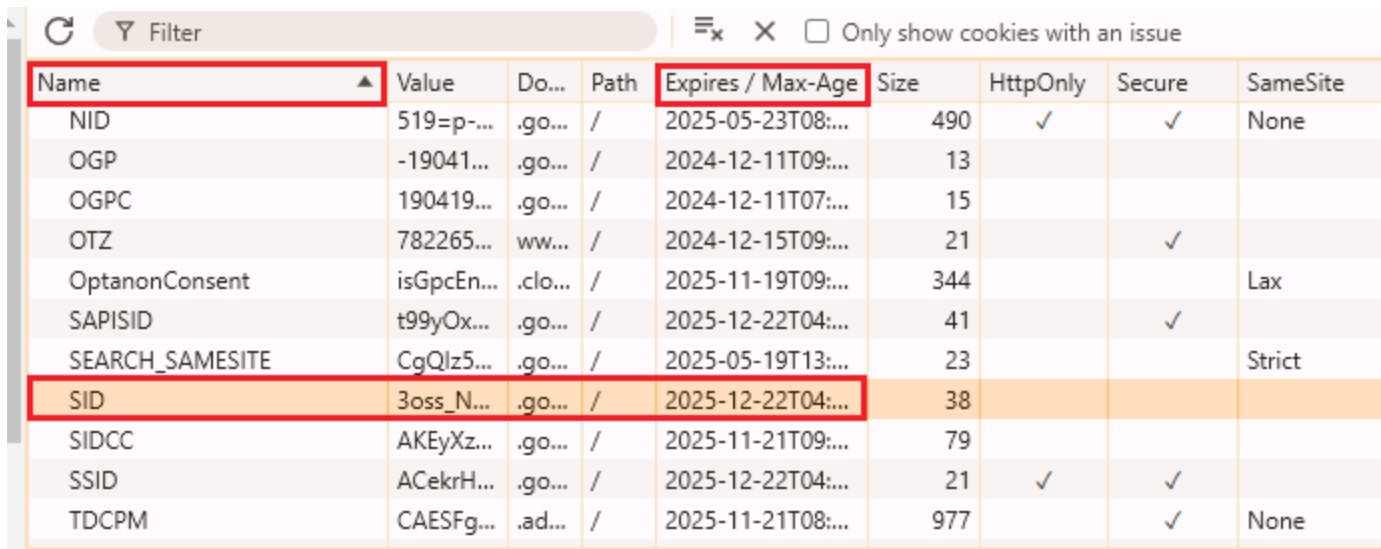
Miscellaneous

Referer: https://www.cavenders.com/register/

Security

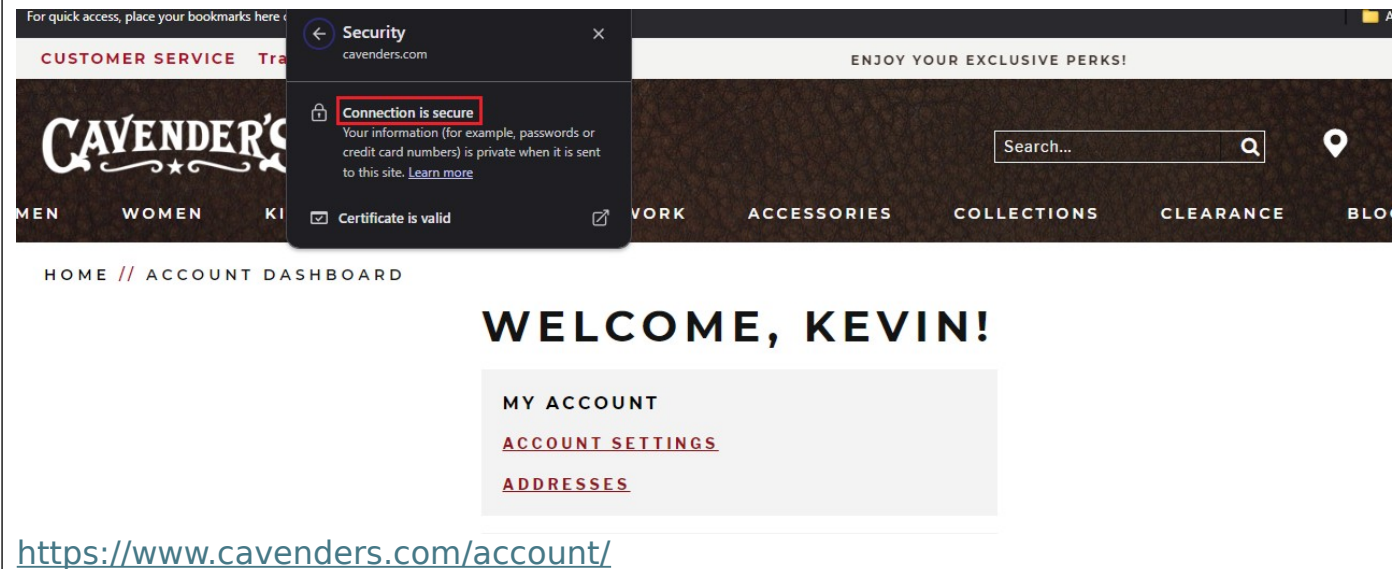
Origin: https://www.cavenders.com
sec-ch-ua: "Brave";v="131", "Chromium";v="131", "Not_A_Brand";v="24"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate

Source: Fiddler capture of the accused instrumentality

	 <p>https://www.cavenders.com</p>
<p>using the computer system to receive a first signal from the computer providing the secured capability, the first signal comprising a reusable identifier corresponding to the secured capability, the reusable identifier assigned for use by the secured capability for a finite period of time;</p>	<p>The accused instrumentality practices using the computer system (e.g., authentication server of the accused instrumentality, etc.) to receive a first signal (e.g., a SID set response, etc.) from the computer (e.g., server of the accused instrumentality) providing the secured capability (e.g., secure connection with the website, etc.), the first signal comprising a reusable identifier (e.g., SID, etc.) corresponding to the secured capability (e.g., secure connection with the website, etc.), the reusable identifier assigned for use by the secured capability for a finite period of time (e.g., Max-Age).</p> <p>As shown, the website of the accused instrumentality practices providing secure connection with a user's device (electronic device of the user) through HTTPS connections. This is achieved by an authentication server (a computer system) authenticating users seeking to perform actions such as account login, accessory searches, etc., (interactions) ensuring that interactions with secured features are</p>

protected from unauthorized access. The server sends a response to set SID value, which is set by the user device.

As shown, the SID token set by the end device is reused in all further communications with the server. The SID token also mentions a Max-Age for the token, indicating that it can be reused for a finite period.





viewer_token=1931b2d5d42

Security

sec-ch-ua: "Google Chrome";v="131", "Chromium";v="131", "Not_A Brand";v="24"

sec-ch-ua-mobile: ?0

sec-ch-ua-platform: "Windows"

Sec-Fetch-Dest: document

Sec-Fetch-Mode: navigate

Sec-Fetch-Site: none

Sec-Fetch-User: ?1

Upgrade-Insecure-Requests: 1

Transport

Connection: keep-alive

Host: www.cavenders.com

TransformerHeadersTextViewSyntaxViewImageViewHexViewWebViewAuthCachingCookiesRawJSONXML

Response sent 139 bytes of Cookie data:
Set-Cookie: dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D|dw-only|||USD|false|US%2FCentral|true; Path=/; Secure; SameSite=None

Response sent 63 bytes of Cookie data:
Set-Cookie: cqcid=cdK9dlSjOnpQ35HnsaBaCkRbX; Path=/; Secure; SameSite=None

Response sent 39 bytes of Cookie data:
Set-Cookie: cqid=||; Path=/; Secure; SameSite=None

Response sent 70 bytes of Cookie data:
Set-Cookie: sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg; Path=/; Secure; SameSite=None

Response sent 41 bytes of Cookie data:
Set-Cookie: __cq_dnt=0; Path=/; Secure; SameSite=None

Response sent 39 bytes of Cookie data:
Set-Cookie: dw_dnt=0; Path=/; Secure; SameSite=None

receive a first signal from a computer

Source: Fiddler captures of the accused instrumentality

Filter

<

Filter ☐ Only show cookies with an issue

Name	Value	Do...	Path	Expires / Max-Age	Size	HttpOnly	Secure	SameSite
NID	519=p...	.go...	/	2025-05-23T08:...	490	✓	✓	None
OGP	-19041...	.go...	/	2024-12-11T09:...	13			
OGPC	190419...	.go...	/	2024-12-11T07:...	15			
OTZ	782265...	ww...	/	2024-12-15T09:...	21		✓	
OptanonConsent	isGpcEn...	.clo...	/	2025-11-19T09:...	344			Lax
SAPISID	t99yOx...	.go...	/	2025-12-22T04:...	41		✓	
SEARCH_SAMESITE	CgQlz5...	.go...	/	2025-05-19T13:...	23			Strict
SID	3oss_N...	.go...	/	2025-12-22T04:...	38			
SIDCC	AKExZ...	.go...	/	2025-11-21T09:...	79			
SSID	ACekrH...	.go...	/	2025-12-22T04:...	21	✓	✓	
TDCPM	CAESFg...	.ad...	/	2025-11-21T08:...	977		✓	None

<https://www.cavenders.com/>

Headers | Text View | Syntax View | WebForms | HexView | Auth | Cookies | Raw | JSON | XML

Request Headers [Raw] [Header Definition]

GET /on/demandware.static/Sites-Cavenders-Site/-/default/v1731949600011/lib/jquery/jquery-3.7.1.min.js HTTP/1.1

eyJpZCI6ImFjMDJiZTMwLTcwMDYtNWVhMy1hNjI2LWQ3MGU3NDk1ZTcwOSIsImNyZWZlZGQ3MzE3MjY2Mjc4NTUsImV4aXN0aW5nIjp0cnVlfQ==

_swb=3c60457b-0d0e-4260-be7e-06e87bc973a9

_uetvid=01f37ba0a02511efa883f3a1d2d6dc66

cqcid=cdK9dSjOnpQ35HnsaBaCkRbX

cqid=||

cto_bundle=QurrqV96REdMkJPaGxTTkpuRzdkTnIIMk4Nm9xMERuWmU1OEFpalE2N3V6ZXM5Y3hZVmZnQ1NyUWJmVjg2VFBmZm9XZUo0aVxJUFE3Nm92TkMybDFtT:

dw_dnt=0

dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D|dw-only|||USD|false|US%2FCentral|true

dwanonymous_658490ade5c855679bdfc3b18329658a=cdK9dSjOnpQ35HnsaBaCkRbX

☐ dwsid

jZVDzJ53BfOHEdZY_snCNnvnY2JcTUs-FeaNjuW3kVFM6JY_YargdOshNHgm5S1orC2Pv1-HNwo8XwuqvNstag==

pageviewCount=9

sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg reusable identifier

Source: Fiddler Capture of the accused instrumentality

	<div> <div> <div>Headers</div> <div>TextView</div> <div>SyntaxView</div> <div>WebForms</div> <div>HexView</div> <div>Auth</div> <div>Cookies</div> <div>Raw</div> <div>JSON</div> <div>XML</div> </div> <div>Request Headers</div> <div> <div>[Raw]</div> <div>[Header Definition]</div> </div> <div> GET /on/demandware.store/Sites-Cavenders-Site/default/___Analytics-Start?url=https%3A%2F%2Fwww.cavenders.com%2Fregister%2F&res=1366x768&cookie=1&ref=&title=Register%20Account%20%7C%20Cavender%27s&pdf=1&qt=0&realp=0&wma=0&dir=0&fla=0&java=0&gears=0&ag=0&dwac=0.8653141290452302&cmpn=&tz=US/Central&pcc=USD&pct=&pcat=&dw_dnt=0 HTTP/1.1 </div> <div> dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D dw-only USD false US%2FCentral true </div> <div> dwanonymous_658490ade5c855679bdf3b18329658a=cdK9dlsjOnpQ35HsnsaBaCkRbX </div> <div> <div> <div>dwid</div> <div>jZVDzJ53BfohEDZY_snCNNvnY2JcTUs-FeaNjuW3kVFM6JY_YargdOshNHgm5S1orC2Pv1-HNwo8XwuqvNstag==</div> </div> </div> <div> FPC=4934a1a1-56a2-4e96-bf2a66f24650c7e5 </div> <div> pageviewCount=10 </div> <div> <div> <div>sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg</div> <div>reusable identifier</div> </div> </div> <div> TEAL=v:566658e4d9c35fc29da833bb8c4d07b62f16378a19ba3\$t:1731389187200\$sn:2\$en:3\$s:1731387372615%3Bexp-sess </div> <div> TEALSWITCH=d%3Dd-last_logged_in_switching_key%3D266fff336b5aae3fd33cdeb2679407bbb4b2888662edf649dea0cf32b5b62a20-changed_as_id%3D566658e4d\$ </div> <div> viewer_token=1931b2d5d42 </div> </div> <div>Miscellaneous</div>
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Source: Fiddler Capture of the accused instrumentality

Headers	TextView	SyntaxView	WebForms	HexView	Auth	Cookies	Raw	JSON	XML
Request Headers [Raw] [Header Definition]									
GET /on/demandware.static/Sites-Cavenders-Site/-/default/v1731949600011/lib/jquery/jquery-3.7.1.min.js HTTP/1.1									
<pre> eyJpZCI6ImFjMDJlZTMwMDYtNWVhMy1hNjI2LWQ3MGU3NDk1ZTcwOSIsImNyZWZlZmVjY2Mjc4NTUsImV4aXN0aW5nIjp0cnVlfQ== _swfb=3c60457b-0d0e-4260-be7e-06e87bc973a9 _uetvid=01f37ba0a02511efa883f3a1d2d6dc66 cqcid=cdK9dSjOnpQ35HsnaBaCkRbX cquid= cto_bundle=QurrqV96REdMkJPaGxTTkpuRzdkTnIlMk14Nm9xMERuWmU1OEFpalE2N3V6ZXM5Y3hZVnZnQ1NyUWJmVjg2VFBmZm9XeUZOa0xaVlxJUFE3Nmg2TkMybDFt: dw_dnt=0 dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D dw-only USD false US%2FCentral true dwanonymous_658490ade5c855679bdf3b18329658a=cdK9dSjOnpQ35HsnaBaCkRbX dwsid jZVDzJ53BfOHEdZY_snCNNvnY2JcTUs-FeaJnuW3kVFM6JY_YargdOshNhgms51orC2Pv1-HNwo8XwuqvNstag== pageviewCount=9 sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg </pre>									

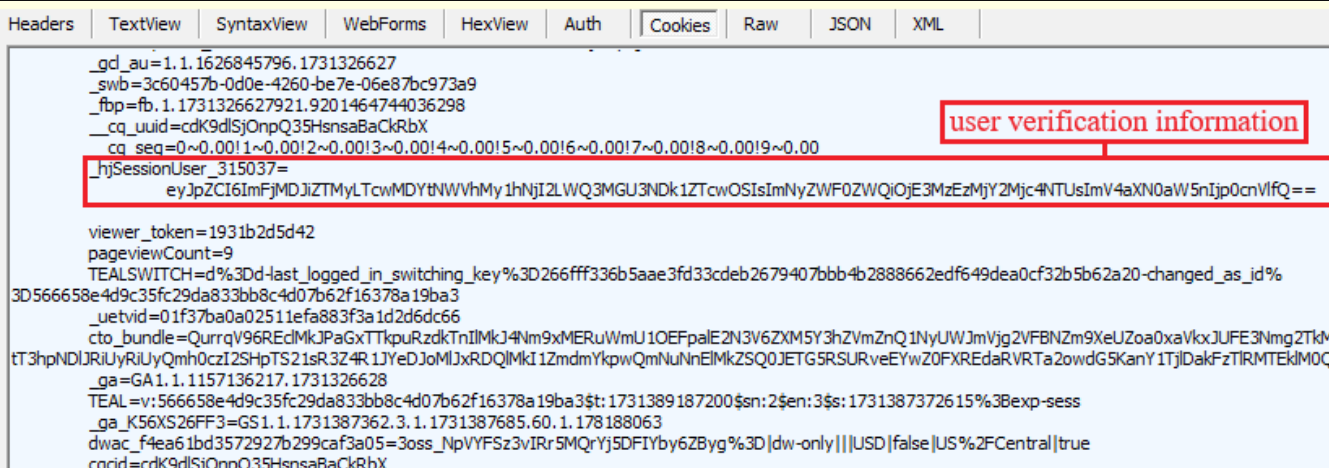
reusable identifier

Source: Fiddler Capture of the accused instrumentality

Headers	TextView	SyntaxView	WebForms	HexView	Auth	Cookies	Raw	JSON	XML
Request sent 1494 bytes of Cookie data:									
<pre> dwanonymous_658490ade5c855679bdf3b18329658a=cdK9dSjOnpQ35HsnaBaCkRbX _gd_au=1.1.1626845796.1731326627 _swfb=3c60457b-0d0e-4260-be7e-06e87bc973a9 _fbp=fb.1.1731326627921.9201464744036298 __cq_uid=cdK9dSjOnpQ35HsnaBaCkRbX __cq_seg=0~0.00!1~0.00!2~0.00!3~0.00!4~0.00!5~0.00!6~0.00!7~0.00!8~0.00!9~0.00 _hjSessionUser_315037= eyJpZCI6ImFjMDJlZTMwMDYtNWVhMy1hNjI2LWQ3MGU3NDk1ZTcwOSIsImNyZWZlZmVjY2Mjc4NTUsImV4aXN0aW5nIjp0cnVlfQ== viewer_token=1931b2d5d42 pageviewCount=9 TEALSWITCH=d%3Dd-last_logged_in_switching_key%3D266fff336b5aae3fd33cdeb2679407bbb4b2888662edf649dea0cf32b5b62a20-changed_as_id% 3D566658e4d9c35fc29da833bb8c4d07b62f16378a19ba3 _uetvid=01f37ba0a02511efa883f3a1d2d6dc66 cto_bundle=QurrqV96REdMkJPaGxTTkpuRzdkTnIlMk14Nm9xMERuWmU1OEFpalE2N3V6ZXM5Y3hZVnZnQ1NyUWJmVjg2VFBmZm9XeUZOa0xaVlxJUFE3Nmg2TkMybDFt3hpNDlJRIUyRiUyQmh0czI2ShpTS21sR3Z4R1JYeDJoMlJxRDQlMk11ZmdmYkpwQmNunNlMkZSQ0JETG5RSURveEYwZ0FXREdaRVRTa2owdG5KanY1TjDakFzTIRMTEklMOQ _ga=GA1.1.1157136217.1731326628 TEAL=v:566658e4d9c35fc29da833bb8c4d07b62f16378a19ba3\$;1731389187200\$sn:2\$en:3\$;1731387372615%3Bexp-sess _ga_K56XS26FF3=GS1.1.1731387362.3.1.1731387685.60.1.178188063 dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D dw-only USD false US%2FCentral true cqcid=cdK9dSjOnpQ35HsnaBaCkRbX cquid= sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg _cq_dnt=0 </pre>									

the second signal comprising a copy of the reusable identifier

Source: Fiddler capture of the accused instrumentality

	 <p>Source: Fiddler capture of the accused instrumentality</p>
<p>using a processor of the computer system to evaluate, based at least on the first signal and the second signal, whether the user is authorized to conduct the at least one interaction with the secured capability; and</p>	<p>The accused instrumentality practices using a processor of the computer system (e.g., processor of the authentication server of the accused instrumentality, etc.) to evaluate, based at least on the first signal (e.g., a SID set response, etc.) and the second signal (e.g., a request signal from the user device), whether the user is authorized to conduct the at least one interaction (e.g., account login, accessory searches, etc.) with the secured capability (e.g., secure connection with the website etc.).</p> <p>The server compares the reusable identifier, such as the token (e.g., SID), in the first response received from the server with the token included in the client's subsequent request. If a match is found, the server authenticates the user and processes the request securely.</p>

viewer_token=1931b2d5d42

Security

sec-ch-ua: "Google Chrome";v="131", "Chromium";v="131", "Not_A Brand";v="24"

sec-ch-ua-mobile: ?0

sec-ch-ua-platform: "Windows"

Sec-Fetch-Dest: document

Sec-Fetch-Mode: navigate

Sec-Fetch-Site: none

Sec-Fetch-User: ?1

Upgrade-Insecure-Requests: 1

Transport

Connection: keep-alive

Host: www.cavenders.com

TransformerHeadersTextViewSyntaxViewImageViewHexViewWebViewAuthCachingCookiesRawJSONXML

Response sent 139 bytes of Cookie data:
Set-Cookie: dwac_f4ea61bd3572927b299caf3a05=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg%3D|dw-only|||USD|false|US%2FCentral|true; Path=/; Secure; SameSite=None

Response sent 63 bytes of Cookie data:
Set-Cookie: cqcid=cdK9dISjOnpQ35HnsaBaCkRbX; Path=/; Secure; SameSite=None

Response sent 39 bytes of Cookie data:
Set-Cookie: cqid=||; Path=/; Secure; SameSite=None

Response sent 70 bytes of Cookie data:
Set-Cookie: sid=3oss_NpVYFSz3vIRr5MQrYj5DFIYby6ZByg; Path=/; Secure; SameSite=None

Response sent 41 bytes of Cookie data:
Set-Cookie: __cq_dnt=0; Path=/; Secure; SameSite=None

Response sent 39 bytes of Cookie data:
Set-Cookie: dw_dnt=0; Path=/; Secure; SameSite=None

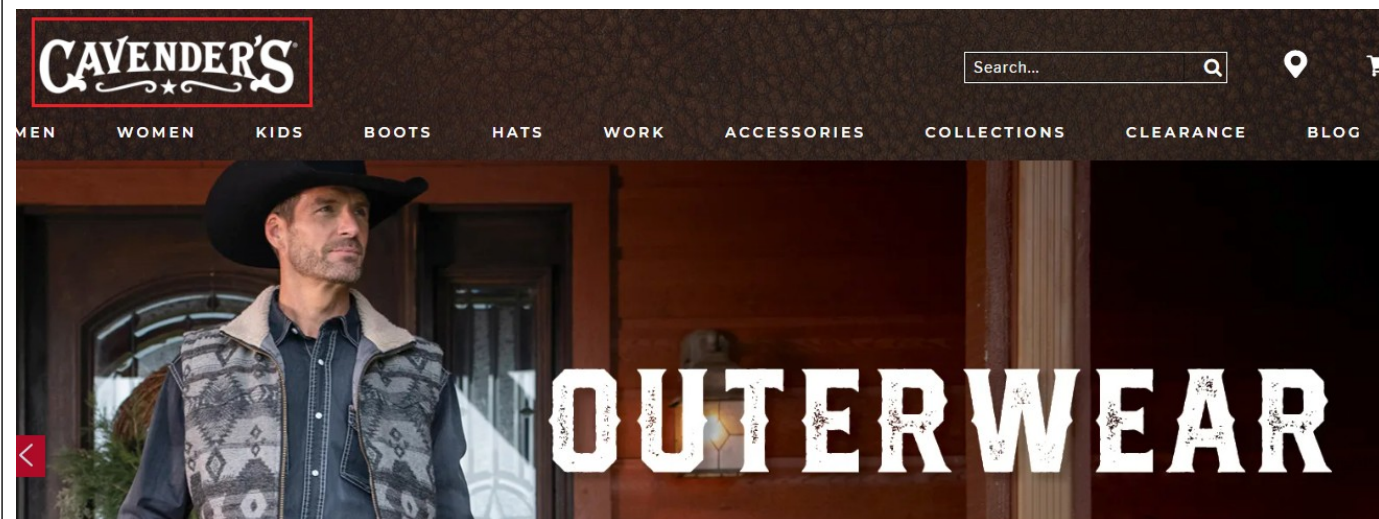
receive a first signal from a computer

Source: Fiddler captures of the accused instrumentality

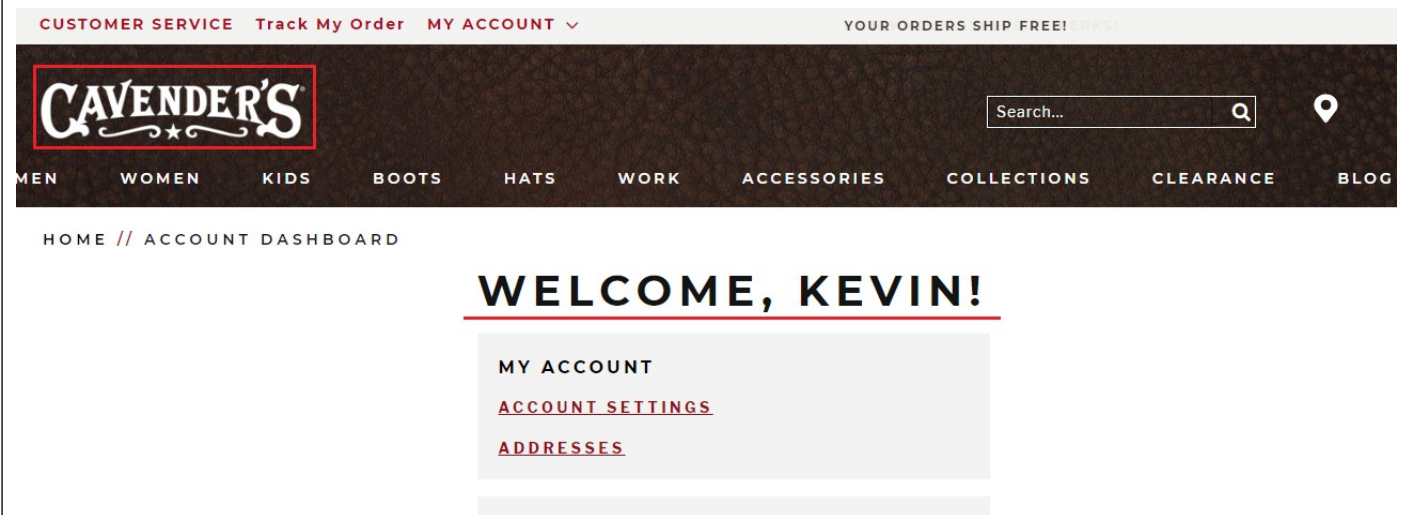
finite period of time

the second signal comprising a copy of the reusable identifier

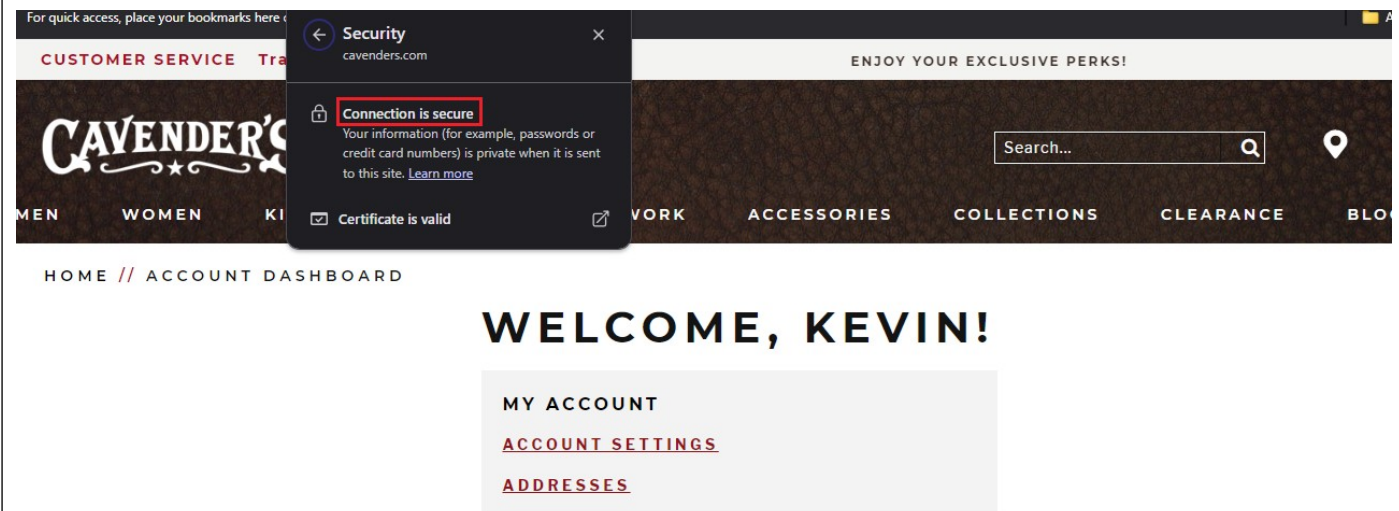
Source: Fiddler capture of the accused instrumentality

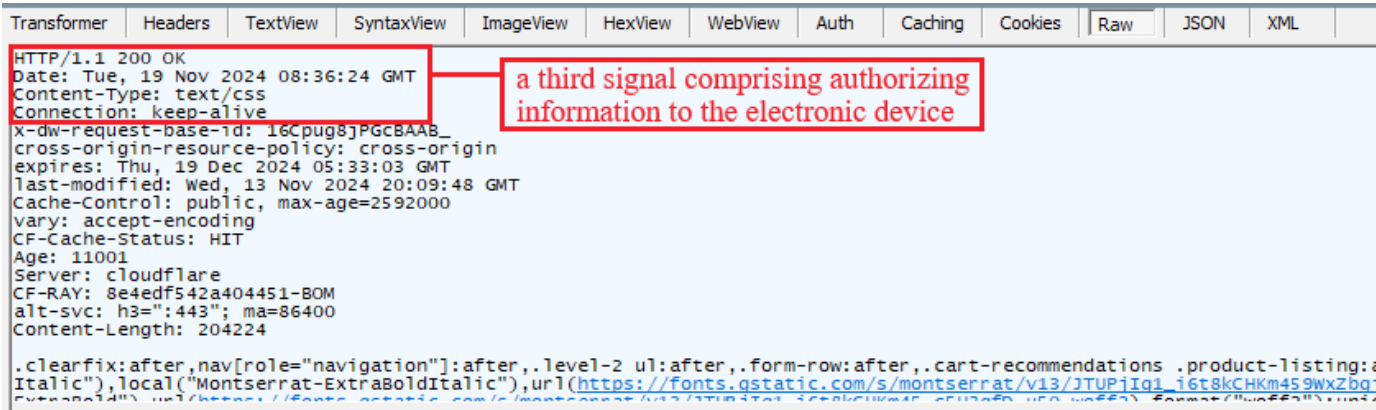


<https://www.cavenders.com/>



<https://www.cavenders.com/account/>



	https://www.cavenders.com/account/
in response to an indication from the processor that the user is authorized to conduct the at least one interaction with the secured capability, using the computer system to transmit a third signal comprising authorization information to at least one of the electronic device and the computer.	<p>The accused instrumentality practices in response to an indication from the processor (e.g., processor of the authentication server of the accused instrumentality, etc.) that the user is authorized to conduct the at least one interaction with the secured capability (e.g., secure connection with the website, etc.), using the computer system processor (e.g., authentication server of the accused instrumentality, etc.) to transmit a third signal comprising authorization information (e.g., a response signal from the server to the user device, etc.) to at least one of the electronic device (e.g., user device, etc.) and the computer.</p> <p>As shown, upon authenticating the SID, the user device receives an authentication confirmation message (a third signal), from the server to the user device.</p>  <p>Source: Fiddler capture of the accused instrumentality</p>



<https://www.cavenders.com/>